

Rabbit anti-Rat Collagen Type XVIII (COL18) Polyclonal Antibody | anti-COL18 antibody

Polyclonal Antibody to Collagen Type XVIII (COL18)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA130939	Rabbit	Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

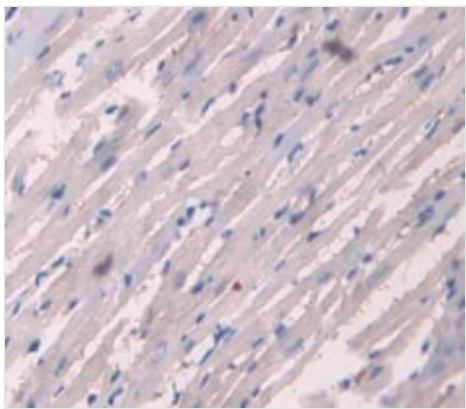
PRODUCT SYNONYMS

Collagen Type XVIII (COL18); Polyclonal Antibody; Polyclonal Antibody to Collagen Type XVIII (COL18); anti-COL18 antibody

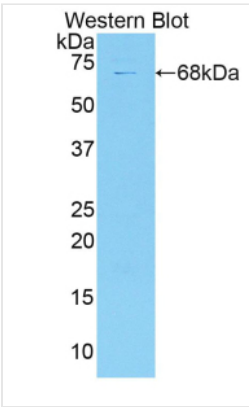
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against COL18. It has been selected for its ability to recognize COL18 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MR NKKFELGLEF PNLPIYIDGD VKLTQSMAL RYADKHNML GGCPKERAEL SMLEGAVLDI RYGVSRAYS KDFETLKVDL LSKLPEMLKM FEDRLCHKTY LNGDHVTHPD FMLYDALDVV LYMDPMCLDA FPKLVCFKKR IEAIPQIDKY LKSSKYIAWP LQGWQATFGG GDHPPKSDGS TSGSGHHHHH HSAGLVPRGS TAIGMKETAA AKFERQHMDL PDLGTLEVLV QGPLGSEF-S YPTARPWRAD DILANPPRLP DRQPYPGVPH HHHHHHHHHS SHEHRPPAHP SPSPAHATHQD FHPVLHLVAL NTPLSGGMRG IRGADFQCFQ QARAVGLSGT FRAFLSSRLQ DLYSIVRRAD RSSVPIVNLK DEVLSPSWDT LFSGSQGQLH SGARIFSFDG RDVLRHPAWP QKSVWHGSDP SGRRLMESYC ETWRTEATG
Applicable Applications for anti-COL18 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant COL18 (Ser1072~Gly1271) expressed in E.coli.
Cross Reactivity	Rat
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DABstainingonIHC-P.Samples:RatTissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	309319796
NCBI GeneID	85251
NCBI Accession #	NP_445941.2
NCBI GenBank Nucleotide #	NM_053489.2
UniProt Accession #	F1LR02
Molecular Weight	134,646 Da
NCBI Official Full Name	collagen alpha-1(XVIII) chain
NCBI Official Synonym Full Names	collagen type XVIII alpha 1 chain
NCBI Official Symbol	Col18a1
NCBI Protein Information	collagen alpha-1(XVIII) chain
UniProt Protein Name	Collagen type XVIII alpha 1 chain
UniProt Gene Name	Col18a1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.